

BOWEN UNIVERSITY, IWO
DEPARTMENT OF BIOLOGICAL SCIENCES

2010/2011 SECOND SEMESTER EXAMINATION

PLB 407: WOOD AND WOOD APPLICATIONS

Answer three questions with at least one from each section

Time: 2hr 15 mins.

SECTION A

1. What is wood?
Discuss the physical properties of wood
(25 Marks)

2. Write exhaustively on
 - (a) Wood formation
 - (b) Growth rings
 - (c) Knots*(25 Marks)*

3.
 - (a) Distinguish between Heartwood and sapwood.
 - (b) How is wood classified?
 - (c) Describe the different types of wood and give local examples.*(25 Marks)*

SECTION B

4. Write concisely on:
 - (a) Advantages and disadvantages of particle board.
 - (b) Types of veneer.*(25 Marks)*

5. Describe one economical tree in Nigeria with respect to distribution, morphology, quality of wood and uses.
(25 Marks)